

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A polymer gel composition comprising a liquid and a non-ionic charged polymer gel containing a charging agent that changes its volume by absorbing or releasing the liquid in accordance with an imposed electric field.

2. (Original) The polymer gel composition according to Claim 1, wherein the liquid comprises an insulating liquid.

3. (Original) The polymer gel composition according to Claim 1, wherein the liquid possesses a volumetric resistivity of  $10^3 \Omega$  or higher.

4-6. (Canceled)

7. (Original) The polymer gel composition according to Claim 1, wherein the charged polymer gel comprises a light controlling material.

8. (Canceled)

9. (Currently Amended) The polymer gel composition according to ~~Claim 6,~~ wherein Claim 1, wherein the charging agent comprises a light controlling material.

10. (Currently Amended) The polymer gel composition according to Claim 1, wherein the charged polymer gel is a particle and has a spherical form.

11. (Currently Amended) An optical element comprising a polymer gel composition that comprises a liquid and a non-ionic charged polymer gel containing a charging agent that changes its volume by absorbing or releasing the liquid in accordance with an imposed electric field.

12. (Original) The optical element according to Claim 11, further comprising an electric field applying unit that applies an electric field to the polymer gel composition.

13. (Original) The optical element according to Claim 11, further comprising an electrode that applies an electric field to the polymer gel composition, wherein the charged polymer gel is fixed on the electrode.